

Title (en)

Turning bar for web material

Title (de)

Wendestange für Materialbahnen

Title (fr)

Barre de retournement pour des matériaux en bande

Publication

EP 0582927 B1 19971119 (DE)

Application

EP 93112341 A 19930802

Priority

- DE 4226386 A 19920810
- DE 4311437 A 19930407

Abstract (en)

[origin: EP0582927A1] During turning over in an x-z plane with movement in the direction of the z-axis, a turning bar (1; 58) simultaneously executes a movement in the x-direction. Both ends (3, 4) of the turning bar (1; 58) are in each case articulatedly connected to a turning bar holder (36, 42; 59, 61) which is movable in a manner guided in the direction of the z-axis. At least one turning bar holder (36; 61) is additionally movable in the x-direction of the right-angled x-z-coordinate system. The turning bar (1; 58) is by this means stably mounted and does not have to be guided in a slide guide. The direction of the air-blowing holes (11) is automatically adjusted through 180 DEG on the circumference of the turning bar (1; 58) during turning over of the latter. <IMAGE>

IPC 1-7

B65H 23/32

IPC 8 full level

B41F 13/06 (2006.01); **B65H 23/32** (2006.01)

CPC (source: EP US)

B65H 23/32 (2013.01 - EP US); **B65H 2406/1115** (2013.01 - EP US)

Cited by

EP2208616A1; US5967456A; EP0619257A3; DE102006050910A1; EP1916210A3; US7607605B2; WO9717202A3

Designated contracting state (EPC)

CH DE FR GB IT LI SE

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EP 0582927 A1 19940216; **EP 0582927 B1 19971119**; JP 2586875 B2 19970305; JP H06155703 A 19940603; RU 2107626 C1 19980327; US 5357859 A 19941025

DOCDB simple family (application)

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